

# Fractional West Boundary of T. 7 S., R. 67 E.

Shanis Survey commenced Sept. 1, 1911, and executed with a Krenffel and Esser Solar transit, No. 20575. For description of the instrument, and testing of the solar apparatus by comparing results from solar observations made during a. m. and p. m. hours, with a meridian determined by observations on Polaris, see notes of the subdivision of this township.

I begin at the cor. of secs. 7, 12, 13 and 18, which I established this a. m. (see notes on line bet. secs. 7 and 18, subdivision of this T.)

Thence I run

South, bet. secs. 13 and 18

Over rough mountain land, through chad-scale, ascend rapidly:

11.50 Commence abrupt ascent over broken ledges, bears N. 85° W. and S. 80° E.

Sept. 1: At this point, at 2<sup>h</sup> 00<sup>m</sup> p. m., l. m. s., I set off 37° 20' N. on the lat. arc, 8° 28' N. on the decl. arc, and determine a meridian with the solar.

17.39 Top of ledges, 310 ft. above bottom, bears N. 80° W. and S. 80° E.; thence ascend gradually

21.50 Spur, 350 ft. above sec. cor., projects E.; descend

29.00 Gulch, 200 ft. below spur, drains E.; ascend

34.00 Point of spur, 100 ft. above gulch, projects E.; descend

39.00 Gulch, 120 ft. below spur, drains N. 70° E.; ascend

40.00 Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, for 1/4 sec. cor., with brass cap mkd.

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and raise a mound of stone, 2 ft. base,